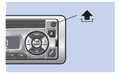
Theft Prevention

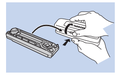
Take the face plate with you when leaving the car.

■ Remove the face plate



1 ⏏ Release the face plate.

2 ① Pull the right side.
② Slide the left side.
Detach the face plate.



3 Put the face plate into the case.

Note: An alarm is generated to remind you of the face plate when turning off the power.

■ Install the face plate

① Slide the left side.
② Press the right side until a "click" is heard.

Clock Setting

● Only when "NO CT" appears in the step 2 below, set the clock.

1 Press **[BAND]** to select the radio **AM (MW/LW)** mode. (➡ Refer to "Radio") → AM 1:53 (AM mode)

2 Press **[DISP]**. → NO CT (NO CT)

3 Hold down **[DISP]** for 2 seconds or more. → CT 0:00 (Blink: Hours)

4 Press **[<TUNE>]**. → CT 1:00 Adjust hours

5 Press **[DISP]**. → CT 1:00 (Blink: Minutes)

6 Press **[<TUNE>]**. → CT 1:35 Adjust minutes

7 Press **[DISP]**. → CT 1:35 (Completed)

Cautions

This product is a class I laser product.

- A laser beam leak results in hazardous radiation exposure.
- Do not open covers and do not repair it by yourself. Refer servicing to qualified personnel.
- Wave length : 780 nm
- Laser power : No hazardous radiation is emitted with safety protection.

Precautions

■ Volume Level

For your driving safety, keep the volume level low enough to be aware of road and traffic conditions.

■ Car Washing

To avoid electrical shorts which may cause fire, or other damage, do not expose this product (including the speakers and CDs) to water or excessive moisture.

■ Car Ventilation

If your car is parked for several hours in direct sunlight, the temperature inside the car may become very high. It is advisable to drive the car and give the interior a chance to cool down before switching the unit on.

■ Power Supply

This product is designed to be used in a car having a 12-Volt negative ground battery system.

■ Disc Mechanism

Do not insert coins or any small objects. Keep screwdrivers and other metallic objects away from the disc mechanism and disc.

■ Service

This product is made of precision parts. Do not attempt to disassemble or adjust any parts. For repair, please consult your nearest authorized Panasonic Service Centre.

Note: The preset memory is cleared to return to the original factory setting when the power connector or battery is disconnected.

Accessories

① **Operating Instructions** English (YEFM284127) Deutsch (YEFM284128) Français (YEFM284129) Nederlands (YEFM284130) Svenska (YEFM284131) Italiano (YEFM284132) Español (YEFM284133) Polski (YEFM284134) **Q'ty: 1 set**	② **Installation Instructions** English Deutsch Français Nederlands (YEFM293095) Svenska Italiano Español Polski (YEFM293096) **Q'ty: 1 set**	③ **Warranty Card** **Q'ty: 1**	④ **Removable Face Plate Case** (YEFA131646) **Q'ty: 1**
⑤ **Mounting Collar** (YEFX0215873) **Q'ty: 1**	⑥ **Power Connector** (YEAJ02874) **Q'ty: 1**		
⑦ **ISO Antenna Adapter**	**Lock Cancel Plate** (YEP0FZ3264) **Q'ty: 1 set**	**Mounting Bolt**	⑧ **Trim Plate** C1100VNL (YEFC05613) Others (YEFC05609) **Q'ty: 1**

Notes:

- The number in parenthesis underneath each accessory part name is the part number for maintenance and service.
- Accessories and their parts numbers are subject to modification without prior notice due to improvements.
- Mounting Collar ⑤ and Trim Plate ⑧ are mounted on the main unit at shipment.

Panasonic

English

CD Player/Receiver

CQ-C1120AN/C1120GN C1110AN/C1110GN/C1100VN

Operating Instructions

●This operating instruction manual applies to the 5 models below. The difference among these models are mentioned below.
●All illustrations represent model CQ-C1120AN unless otherwise specified.

Models	Face Color	Face Illumination Color	Button Illumination Color	Trim Plate Color
CQ-C1120AN	Plating Silver	Amber	Amber	Dark Silver
CQ-C1120GN	Plating Silver	Green	Green	Dark Silver
CQ-C1110AN	Plating Black	Amber	Amber	Dark Silver
CQ-C1110GN	Plating Black	Green	Green	Dark Silver
CQ-C1100VN	Coating Black	Blue	Red	Coating Black

Matsushita Electric Industrial Co., Ltd.
Web Site : http://www.panasonic.co.jp/global/

YEFM284127 ND1203-1014 Printed in China

Troubleshooting

● Never try repair by yourself.

Something wrong....?! (Ex. smoke, smell and no sound ➡ possibility of fire or shorting.)
① Turn off the power.
② Detach the power cord and bring the unit to your dealer.

Trouble	Check point
■ General	
No power	● Start the engine. (Or turn the ignition switch to the ACC position.) ● Verify the wiring. (Ex. Battery cord, ACC cord, grounding cord, etc.) ● Fuse blown (Contact the nearest Panasonic Service Centre.) ● Ask a professional for fuse replacement. ● Be sure to use the same rated fuse.
No sound	● Disable the mute function. ● Verify the wiring. ● Wait until the dew disappears before turning on the unit.
Noise	● Make sure that the ground lead is grounded properly.
■ Radio	
Frequent noise	● Tune in to another high-intensity station. ● Make sure that the antenna mounted point is grounded properly.
Preset data deleted	● The preset memory is cleared to return to the original factory setting when the power connector or battery is disconnected.
■ CD Player	
Time is counted but no sound comes out.	● Not compatible with MP3/WMA.
No sound, or disc is automatically ejected	● Load the CD correctly. ● Clean the CD.
Sound skip, poor sound quality	● Clean the CD.

Trouble	Check point
■ CD Player (CONTINUED)	
Sound skip due to vibration	● The maximum permissible tilt is 30°. ● Secure the unit.
CD not ejectable	● Press [⏏]. If the CD is not ejected, contact the nearest Panasonic Service Centre.
■ Sound quality	
No sound from left, right, front, or rear speaker	● Adjust the balance and fader. ● Verify the wiring.
Left and right sounds are reversed	● Connect the speaker cord correctly.

■ Error indication

Message	Cause	Remedy
C0 -E1-	● CD dirtied ● CD upside down	● Eject the CD.
C0 -E2-	● CD scratched	
C0 -E3-	● No operation by some cause.	● Consult your nearest Panasonic Service Centre.

Sales and Support Information

Customer Care Centre

- For UK customers: 08705 357357
- For Republic of Ireland customers: 01 289 8333
- Visit our website for product information
- E-mail: customer.care@panasonic.co.uk

Direct Sales at Panasonic UK

- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Care Centre Monday - Friday 9:00am - 5:30pm. (Excluding public holidays).
- Or go on line through our Internet Accessory ordering application at www.panasonic.co.uk.
- Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic UK Ltd.
- It couldn't be simpler!
- Also available through our Internet is direct shopping for a wide range of finished products, take a browse on our website for further details.

Product service, repair and enquiry

- Consult your nearest Panasonic Service Centre.

Notes on discs

- **This unit does not support 8 cm discs.**
- Do not touch the recorded surface.
- Avoid leaving CDs in places with direct sunlight, dust and moisture such as seat and dashboard.
- Do not use irregular shaped discs.

- You may have trouble playing discs in the following cases.
  - Dirt, fingerprints, scratches on the disc surface
  - If a disc is damaged from leaving inside a car for extended periods, etc.
  - Inappropriate writing software is used.
  - Contains other than CD-DA data.

Notes on CD-R/RW

- **Not compatible with MP3/WMA.**
- You may have trouble playing back some CD-R/RW discs recorded on CD recorders (CD-R/RW drives), either due to their recording characteristics or dirt, fingerprints, scratches, etc. on the disc surface.
- CD-R/RW discs are less resistant to high temperatures and high humidity than ordinary music CDs. Leaving them inside a car for extended periods may damage and make playback impossible.
- Some CD-R/RWs can not be played back successfully thanks to incompatibility among writing software, a CD recorder (CD-R/RW drive) and the discs.
- This player cannot play the CD-R/RW discs if the session is not closed.
- This player cannot play the CD-R/RW discs which contains other than CD-DA.
- Be sure to observe the instructions of CD-R/RW disc for handling it.

Maintenance

- Wipe the unit with a soft dry cloth.
- Never apply volatile liquids such as benzine and thinner to prevent damage.

Fuse

- Use fuses of the same specified rating (15A).
- Using different substitutes or fuses with higher ratings, or connecting the unit directly without a fuse, could cause fire or damage to the unit.
- **If the fuse replacement fails, contact your nearest authorized Panasonic Service Centre.**

Specifications

■ General

Power Supply	: 12 V DC(11 V - 16 V), Test Voltage 14.4 V, Negative Ground
Tone Controls (Bass)	: ±12 dB at 100 Hz
Tone Controls (Treble)	: ±12 dB at 10 kHz
Current Consumption	: Less than 2.5 A (CD mode, 0.5 W 4-Speaker)
Maximum Power Output	: 45 W x 4 (at 4 Ω)
Power Output	: 20 W x 4 (DIN45 324, at 4 Ω)
Speaker Impedance	: 4 - 8 Ω
Pre-Amp Output Voltage	: 2.5 V (CD mode)
Pre-Amp Output Impedance	: 200 Ω
Dimensions (Main Unit)	: 178(W) x 50(H) x 155(D) mm
Weight (Main Unit)	: 1.4 kg

■ CD Player

Sampling Frequency	: 8 times oversampling
Pick-Up Type	: Astigma 3-beam
Light Source	: Semiconductor laser
Wavelength	: 780 nm
Frequency Response	: 20 Hz - 20 kHz (1 dB)
Signal to Noise Ratio	: 96 dB
Total Harmonic Distortion	: 0.01 % (1 kHz)
Wow and Flutter	: Below measurable limits
Channel Separation	: 75 dB

■ Radio

FM	
Frequency Range	: 87.5 - 108 MHz
Usable Sensitivity	: 6 dB/μV(S/N 30 dB)
Stereo Separation	: 35 dB (at 1 kHz)
MW	
Frequency Range	: 531 - 1 602 kHz
Usable Sensitivity	: 28 dB/μV (S/N 20 dB)
LW	
Frequency Range	: 153 - 279 kHz
Usable Sensitivity	: 32 dB/μV (S/N 20 dB)

Note: Specifications and design are subject to modification without notice due to improvements.

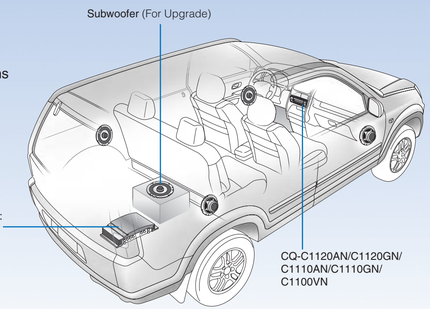
Thank you very much for purchasing a Panasonic CD Player/Receiver.

- CD-R/CD-RW playable
- New simple-setting tone control "SQ" (Sound Quality)
- 2.5 V preamplifier outputs
- 18 FM and 6 AM presets with preset scan
- Anti-theft system provided by the removable faceplate

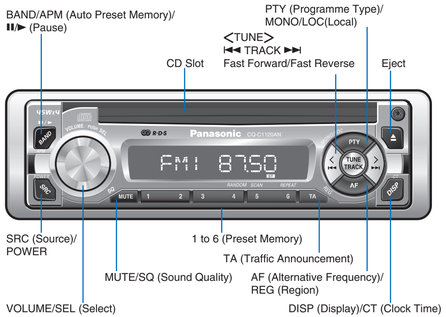
Fantastic Sound Space!

Sophisticated Product Achieived by Optional Functions

- Sound System with Spurting Realism (2-channel or 4-channel Power Amplifier)
- Powerful Heavy Bass (Stereo/Mono Power Amplifier) : CY-M7052EN/CY-M9054EN


Subwoofer (For Upgrade)
Stereo/Mono Power Amplifier: CY-M7052EN/CY-M9054EN (For Upgrade)
CQ-C1120AN/C1120GN/ C1110AN/C1110GN/ C1100VN

How to Enjoy Music



1 Power on

POWER SRC

- Press to power on.
- Press again and hold to power off.

2 Enjoy music in each mode

POWER SRC

Press to select a mode as follows.

Radio ⇒ CD Player

When a disc is loaded.

Radio

1 BAND Press to select a band.

FM1 ⇒ FM2 ⇒ FM3 ⇒ AM (LW/MW)

2 ■ Seek tuning

Hold down for 0.5 seconds or more.

Tuning will automatically stop when the next station is found.

[▷]: higher frequency

[◁]: lower frequency

■ Manual Tuning

[▷]: higher frequency

[◁]: lower frequency

Preset Memory

- **Up to 6 stations can be stored in each of the FM1, FM2, FM3 and AM (LW/MW) band selections.**

BAND AUTO Press to select a band for preparation.

■ Auto Preset Memory

BAND AUTO Hold down for 2 seconds or more.

- Automatically tune the 6 stations with good reception and save under preset buttons **[1]** to **[6]**.
- Preset stations appear for 5 seconds each.

Notes:

- Only RDS stations will be saved at default setting (AF is ON).
- To stop scanning, press one of the preset buttons **[1]** to **[6]**.

■ Manual Preset Memory

Use seek or manual tuning to find a station.

1 2 3 4 5 6

Hold down one of the preset buttons **[1]** to **[6]** until the display blinks once.

Note: New stations overwrite existing saved stations after following this procedure.

■ Preset station calling

1 2 3 4 5 6

Press **[1]** to **[6]** to call a preset station.

Caution: Never preset stations while driving.

Mono/Local Selection

Mono: Reduce noise if weak signals are received

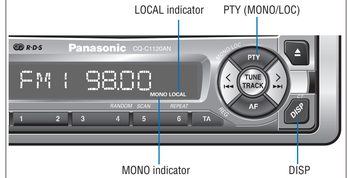
Local: Only strong signals of stations are searched for in seek tuning.

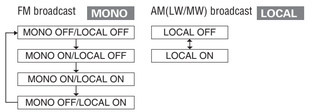
■ FM broadcast

Hold down **[PTY] (MONO/LOCAL)** for 2 seconds or more to change the mode.

■ AM(LW/MW) broadcast

Press **[PTY] (MONO/LOCAL)** to change the mode.





Display Change

DISP Press

Note: A station name appears when it is an RDS station.

Convenient Function

Radio Data System (RDS)

RDS is a system performing convenient functions for FM stations in such as Europe. However, there may be some areas where RDS is not effective for reception.

- Station name appears instead of the frequency.
- The clock is automatically adjusted.

AF

Alternative frequency

- When reception is poor, an RDS station broadcasting the same program is tuned in automatically.

■ To select AF receiving sensitivity

➡ Press **[AF]**

AF1 : For mountain areas and places enclosed by high-rise buildings or other objects that prevent radio reception. (Default)

AF2 : For suburbs and other places free of obstructions of view.

OFF : For the AF function inactivated.

■ To change AF range

➡ Hold down **[AF]** for 2 seconds or more.

- REGION ON : To select a station broadcasting the same program
- REGION OFF : To select an AF station of the same network

(The program may be different) (Default)

■ AF1 or AF2 auto preset memory

- The memory is valid for the RDS stations only.
- A station of the same network in good receiving condition is received.
- If a preset station is in poor receiving condition, another station in good receiving condition can be tuned in to by pressing the same preset button. **(Best Station Research)**
- Another station broadcasting the same program is searched for if a station with an appropriate frequency cannot be found even by means of BSR (Best Stations Research). **(PI seek: Program Identification Seek)**

Note: For PI Seek, cancel the TA mode first, then execute PI Seek.

TA

Traffic Announcements

- To automatically listen to a station that gives traffic information periodically.

■ To select TA mode

➡ Press **[TA]**.

(Default : TA OFF)

- To cancel ➡ Press **[TA]** again.

Notes:

- If a selected station is in poor receiving condition, another station giving traffic announcements will be automatically tuned in.
- When TA ON is selected, only TP station will be searched. When TA ON is selected, only TP station will be memorized automatically.
- Even in CD player mode, a station giving the traffic information is automatically received.

■ To listen to TA only

➡ Hold down **[TA]** for 2 seconds or more (in FM mode).

- To cancel ➡ Press **[TA]** again. (Or, raise the volume with **[VOL]**).

■ TA Volume Set (Volume Level: 1 to 40)

➡ Turn **[VOL]** while receiving traffic announcements.

- The TA volume differs from the regular volume (by up to 5 levels).

EON

Enhanced Other Networks

- Traffic information of the other networks is received.
- Preset AF data is refreshed at all times.

PTY

Program Type

- Stations can be selected by program type, for example, news and rock.

■ To select mode PTY

➡ Press **[PTY]**.

- To cancel ➡ Press **[PTY]** again.

■ PTY preset call

➡ Press **[1]** to **[6]**.

- The following program types are preseted.

Preset No.	Program Type	Contents
1	NEWS	NEWS
2	SPEECH	AFFAIRS, INFO, EDUCATE, DRAMA, CULTURES, SCIENCE, VARIED, WEATHER, FINANCE, CHILDREN, SOCIAL A, RELIGION, PHONE IN, TRAVEL, LEISURE, DOCUMENT
3	SPORT	SPORT
4	POP M	POP M
5	CLASSICS	CLASSICS
6	MUSIC	ROCK M, M_O_R_M, LIGHT M, OTHER M, JAZZ, COUNTRY, NATIONAL, OLDIES, FOLK M

■ PTY selection

① Press **[<TUNE>]** to select a program type below.

② Press **[BAND]** for automatic selection.

SPEECH → MUSIC → NEWS → AFFAIRS
INFO → SPORT → EDUCATE → DRAMA
CULTURES → SCIENCE → VARIED → POP M
ROCK M → M_O_R_M → LIGHT M → CLASSICS
OTHER M → WEATHER → FINANCE → CHILDREN
SOCIAL A → RELIGION → PHONE IN → TRAVEL
LEISURE → JAZZ → COUNTRY → NATIONAL
OLDIES → FOLK M → DOCUMENT

■ PTY preset change

① Select a program type by using PTY selection or PTY preset call.

② Hold down **[1]** to **[6]** for 2 seconds or more.

Note: When there is no corresponding program type, "NO PTY" is displayed.

■ Emergency Announcement

- An emergency announcement, if broadcast, is automatically received.
- This function operates in other than the radio mode, and "ALARM" flashes.

Note: Press **[DISP]** to switch the PTY display language to Swedish.

Sound Controls

■ Volume Adjustment (Setting range: 0 to 40)

Turn to adjust

■ Sound Control

1 Press to select a mode

2 Turn to change each level

Volume ⇒ Bass ⇒ Treble ⇒ Balance ⇒ Fader

VOL 20	(0 to 40)
BAS 0dB	(–12 to +12 in 2 dB step)
TRE 0dB	(–12 to +12 in 2 dB step)
BAL CNT	(left/right: 1 to 15)
FAD CNT	(front/rear: 1 to 15)

Note: If no operation takes place for 5 seconds or more (2 seconds in the volume mode), the display return to the regular mode.

■ Mute

MUTE Press to switch on and off.

- Mute the sound completely.

■ Sound Quality (SQ) SQ

SQ is a function that can call up various sound types at the touch of button in accordance with your listening music type.

Press and hold **[MUTE] (SQ)** for more than 2 seconds to select the sound type as follows:

FLAT ⇒ ROCK ⇒ POP ⇒ VOCAL

- FLAT (default) : flat frequency response: does not emphasize.
- ROCK (ROCK) : speedy and heavy sound: exaggerates bass and treble.
- POP (POP) : wide-ranged and deep sound: slightly emphasizes bass and treble.
- VOCAL (VOCAL) : clear sound: emphasizes middle tone and slightly emphasizes treble.

Notes:

- If no operation takes place for more than 5 seconds in the SQ mode, the display returns to the regular mode.
- Settings of SQ, bass/treble are influenced one another. If the influence mentioned above causes distortion to audio signal, readjust bass/treble or volume.

CD Player

Only discs with the label at right are available.

- Available Discs: CD-R, CD-RW
- Non-available: 8 cm, WMA, MP3

This unit does not support CD text display.

■ When a disc is not loaded

Insert a disc and playback starts automatically.

Make sure that the disc indicator is off before loading a disc.

If the disc indicator lights, eject the disc, then load a new disc.

- It takes several seconds between the instant when inserting a CD and the instant when starting playback.
- Do not use discs that have a seal or label attached.
- Do not insert foreign matter into the disc slots.

■ Track selection and track search

- Next track: [►►I] Press
- Start of current track: [I◄◄] Press once
- Previous track: [I◄◄] Press twice
- Fast forward: [►►I] Hold down
- Fast reverse: [I◄◄] Hold down

Release it to resume regular CD play.

■ Pause

Press **[BAND] (II/►)** to pause. Press again to resume to playback.

■ Disc Eject

Press **[⏏]** to stop CD play and eject the disc.

Display Change

DISP Press

Playing Variation

■ RANDOM

- Random play

Press **[4]**. ▶ lights.

■ SCAN

- 10 seconds play of each track.

Press **[5]**.

■ REPEAT

- Repeat play

Press **[6]**. REP lights.

- Press again to cancel in each play mode.